

**Setting up of a LNG Terminal at Mangalore**

3004. SHRI K.C. KODIAH: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state the steps, so far, taken by Government for setting up a liquified natural gas terminal at Mangalore as well as laying a pipeline from Kochi where a LNG terminal is being set up?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI E. PONNUSWAMY): There is no proposal to set up a Liquified Natural Gas (LNG) terminal at Mangalore. However, Gas Authority of India Limited is pursuing the techno-economic feasibility of laying a pipeline for supplying gas to the State of Karnataka from the LNG terminal being developed at Kochi by Petronet LNG Ltd.

**Modernisation and expansion plan for Refinery and Marketing Network in Assam**

3005. DR. ARUN KUMAR SARMA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the details of modernisation and expansion plan drawn for refinery and marketing network in Assam indicating total outlay, target set, actual progress, trained manpower already developed and proposed to be developed to equip improvised skill requirement for each project at various installations; and

(b) the status of the proposed K.D. Malaviya Oil Museum in Assam

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI E. PONNUSWAMY): (a) Details of modernization and expansion plan drawn for Refinery and Marketing Network in Assam by Refinery Oil Companies—Indian Oil Corporation Ltd. (IOCL), Bongaigaon Refinery and Petrochemicals Ltd. (BRPL) and Numaligarh Refinery Limited (NRL), are given in Statement (*See below*).

(b) K.D. Malaviya National Oil Museum has been registered as Trust in August, 1999. Eight Bighas of land allotted by Government of Assam were in the name of Oil India Limited (OIL) for construction of Rashtriya Tel Sanghralaya. OIL has already taken up with the Govt. of Assam endorsing the said allotment of land in favour of the trust "K.D. Malaviya National Oil Museum".

**Statement****1. Ongoing Schemes of Indian Oil Corporation:****A. Digboi Refinery:—**

Sl. No.	Name of the scheme	Approved cost (Rs. Cr.)	Mechanical Completion Schedule	Physical Progress in % as of Jul'2000	
				Schedule	Actual
1.	Replacement of Dewaxing/Deoiling Unit	419	Aug. 2002	17.5	25.5
2.	Hydrotreatment Facilities	343	Feb. 2002	23.4	23.2

For Sl. No. 1 the Mechanical completion schedule is August, 2002 and training of manpower shall be taken up in the year 2001.

For Sl. No. 2 the mechanical completion schedule is February, 2002 and training of manpower shall be taken up in the year 2001.

**(b) Guwahati Refinery:—**

Sl. No.	Name of the scheme	approved cost (Rs. Cr.)	Mechanical Completion Schedule	Physical Progress in % as of Jul'2000	
				Schedule	Actual
1.	Yield & Energy Optimisation of Crude Distillation Unit	17.35	Aug. 2000	100	80.0
2.	Yield & Energy Optimisation of Delayed Coker Unit	32.15	Aug. 2000	100	93.5
3.	Production of unleaded MS by ISOSIV process	48.00	Feb. 2001	66	55
4.	INDMAX project	86.00	Aug. 2001	29.6	29.8
5.	Hydrotreatment Facilities	497.00	Feb. 2002	31.6	35.8

Trained manpower is already operating the Crude Distillation Unit & Delayed Coker Unit mentioned at Sl. No. 1 and 2 above.

For imparting necessary training/inputs to the concerned employees for operation of the units mentioned at Sl.No. 3, 4 & 5 above, training programmes have already been planned for the year 2000-2001 and the same are included in the training calendar of Guwahati Refinery.

**C. Details of Projects for POL Products:**

Location (Depot)	Total Outlay (Rs. in Cr.)	Target Set	Actual Progress	Trained Manpower availability
N. Lakhimpur (Addl. Tkg. of 6460 KL)	4.36	March 2002	Work too commence after taking over balance small portion of land by Sept. 2000	Available

**D. Details of Retail Outlet Dealerships Projects:**

As on 1.8.2000 there are 317 Retail Outlet Dealerships of IOC in existence in the State of Assam. Further, IOCL have included 19 locations in the retail Marketing Plans in Assam.

**E. Details for LPG Projects:**

Presently, IOC is having LPG Bottling Plants at Bongaigaon, Silchar and North Guwahati in the State of Assam with capacity of 22, 10 and 25 TMTPA respectively. All the employees at the plants have been imparted necessary training to equip them with improvised skill requirement for plants operations. Construction of another plant at Guwahati with a capacity of 22 TMTPA has been completed at a cost of Rs. 29 crores approximatley. The recruitment process is in progress and necessary training to the recruited employees shall be imparted before commissioning the plant. Another Plan at Digboi with a capacity of 25 TMTPA at a cost of Rs. 44.55 crores is being built.

**II. ONGOING SCHEMES OF BONGAIGAON REFINERY & PETROCHEMICAL LTD.****(a) INSTRUMENT MODERNISATION IN TANK FARM, OFFSITE AND UTILITIES**

Total project cost	:	Rs. 20.23 crores
Target	:	February 2001
Actual Progress	:	45.71% (as on June 30, 2000)

This project involves installation of Radar gauging systems in all the Refinery Tanks and automatic petroleum products loading in truck tankers.

**(b) LPG Bottling Plant**

Total project cost	:	Rs. 31.68 crores
Target	:	September 2000
Actual progress	:	97% (As on June 30,2000)

This project involves bottling of 22000 MTPA LPG being produced in BRPL and which is being sold in bulk at present.

**(c) Crude Oil Import/Storage at BRPL (1.15 MMTPA)**

Total Project Cost	:	Rs. 40 crores (job taken up for Rs. 20 crores in phase I and II)
Target	:	Phase I (to receive 0.5 MMTPA imported Crude—Completed) Phase II (To receive the balance 1.0 MMTPA imported crude)—February 2002
Actual progress	:	indicated below

To provide flexibility for receiving imported crude oil in the existing crude oil tanks, interconnecting piping jobs for all six existing crude tanks completed.

Site grading works for construction of one No. new crude oil tank is February 2002.

**(d) Desalter for Crude Oil (2 Nos)**

Total Project Cost	:	Rs. 12.00 crores
Target	:	May, 2001
Actual progress	:	The project has been awarded on Turnkey basis and is likely to be completed on schedule.

**(e) Manpower**

For all the projects mentioned at (a) to (d) no additional manpower is required as the existing manpower has been trained and redeployed.

**III. Numaligarh Refinery Limited (NRL)**

NRL a joint venture between Bharat Petroleum Corporation Ltd., IBP Co. Ltd., and Government of Assam is implementing a grassroots refinery project in Numaligarh, Assam. The total capital outlay of this project is Rs. 2725 crores. This refinery project has been completed in phases during the

period March'99 to July'2000. A total of 610 personnel, comprising 254 officers and 356 workmen have been recruited and trained for this project, who will be engaged in operation and maintenance of this refinery.

### **GAIL Pipeline in Karnataka**

3006. DR. DASARI NARAYANA RAO: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether Rupees 2000 crore pipeline of Gas authority of India Ltd. (GAIL) is coming up in Karnataka;
- (b) if so, the details thereof; and
- (c) by when the gas supply will actually commence in Karnataka?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI E. PONNUSWAMY): (a) to (c) Gas Authority of India Limited (GAIL) has signed a Gas Cooperation Agreement with the Karnataka State Industrial and Infrastructure Development Corporation to study the gas demand potential of Karnataka and the techno-economic feasibility of setting up a gas pipeline infrastructure for serving various end users in the States of Kerala and Karnataka by using the regassified liquefied natural gas from the proposed LNG terminal at Kochi, to be set up by Petronet LNG Limited. The pipeline may be 1100 Km. long and involve an investment of Rs. 2000 crores. The gas supplies are expected to commence in 2004-05.

### **Allotment of Kerosene to Kerala**

3007. SHRI N.K. PREMCHANDRAN: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the quantity of kerosene allotted to Kerala per month for meeting the requirements of the Out Board motors of traditional fishermen in Kerala;
- (b) whether Government are aware that the allotted quantity of kerosene is insufficient to meet the actual requirement of fishermen in the State; and
- (c) whether Government would consider to enhance the quantity of kerosene allotment?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI E. PONNUSWAMY): (a) to (c) Kerosene is an allocated product and annual/monthly allocation is made by the Central Government to the States/UTs for distribution through Public Distribution System. The